

GRADE
LEVEL
3RD

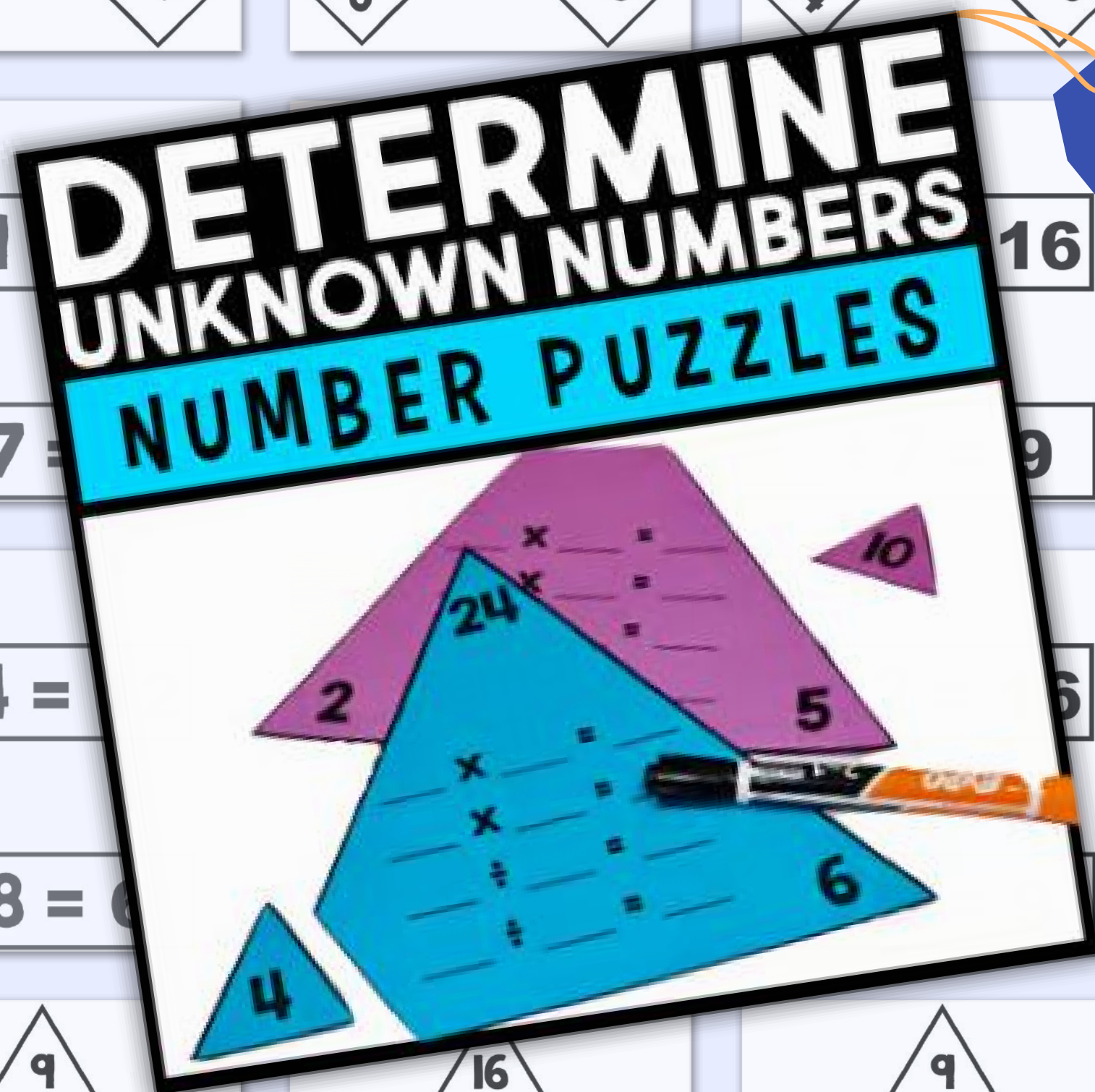
Number PUZZLES

DETERMINE UNKNOWN NUMBERS

Multiplication & Division Practice
3rd grade Fact Families Fluency
Triangles



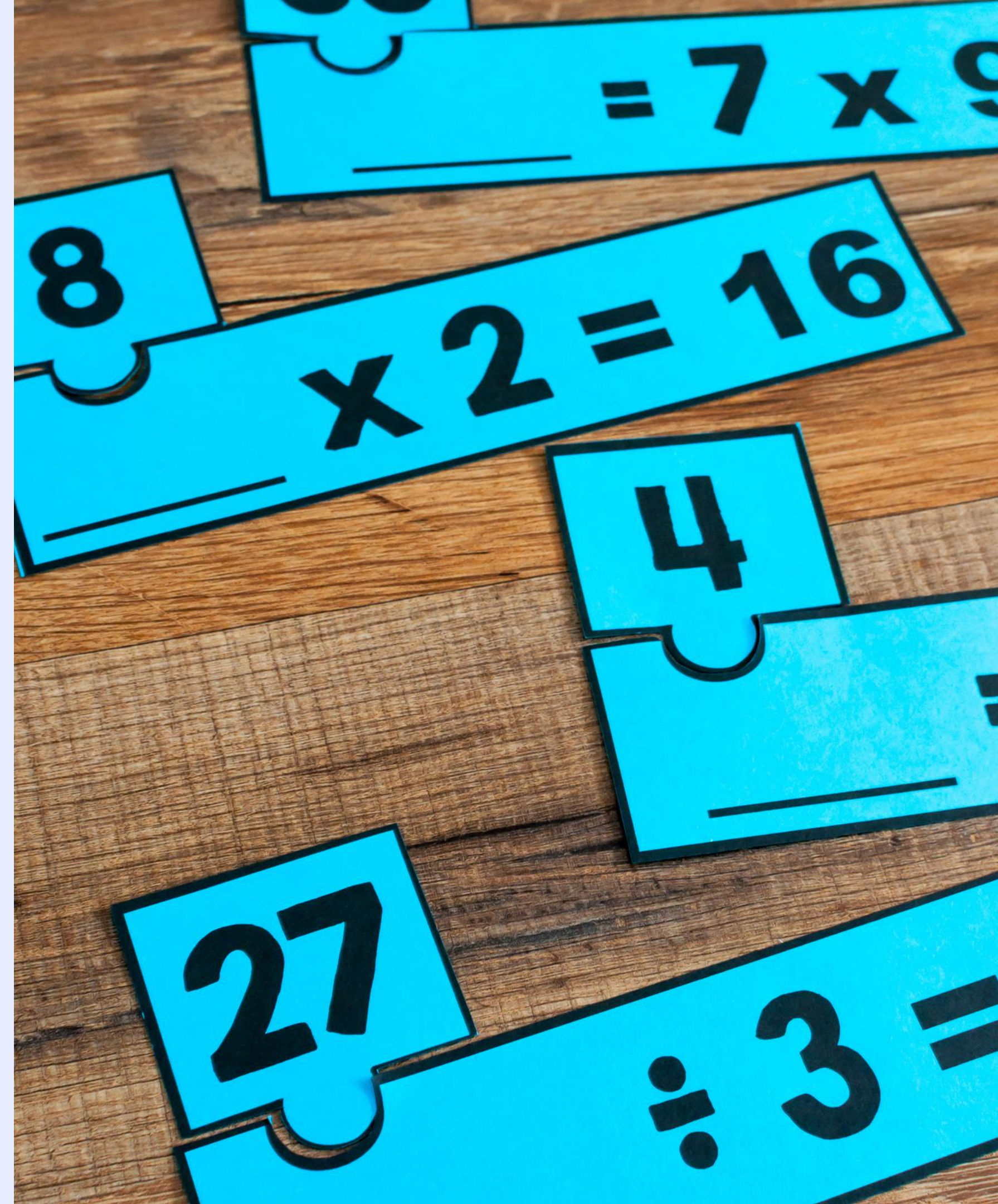
KEEP SCROLLING TO SEE
WHAT'S INSIDE!



PREVIEW

WHAT'S INCLUDED?

- ✓ Three different number puzzle formats:
 - **4-in-1 Puzzle:** Match four problems with answers on one square
 - **Single Fact Puzzles:** 6 formats with the unknown in different positions
 - **Triangle Fact Family Cards:** Cut, solve, and rewrite fact families
- ✓ Focus on multiplication and division fluency with unknown numbers
- ✓ Designed for third-grade math, aligned with beginning multiplication concepts



ACTIVITY OVERVIEW

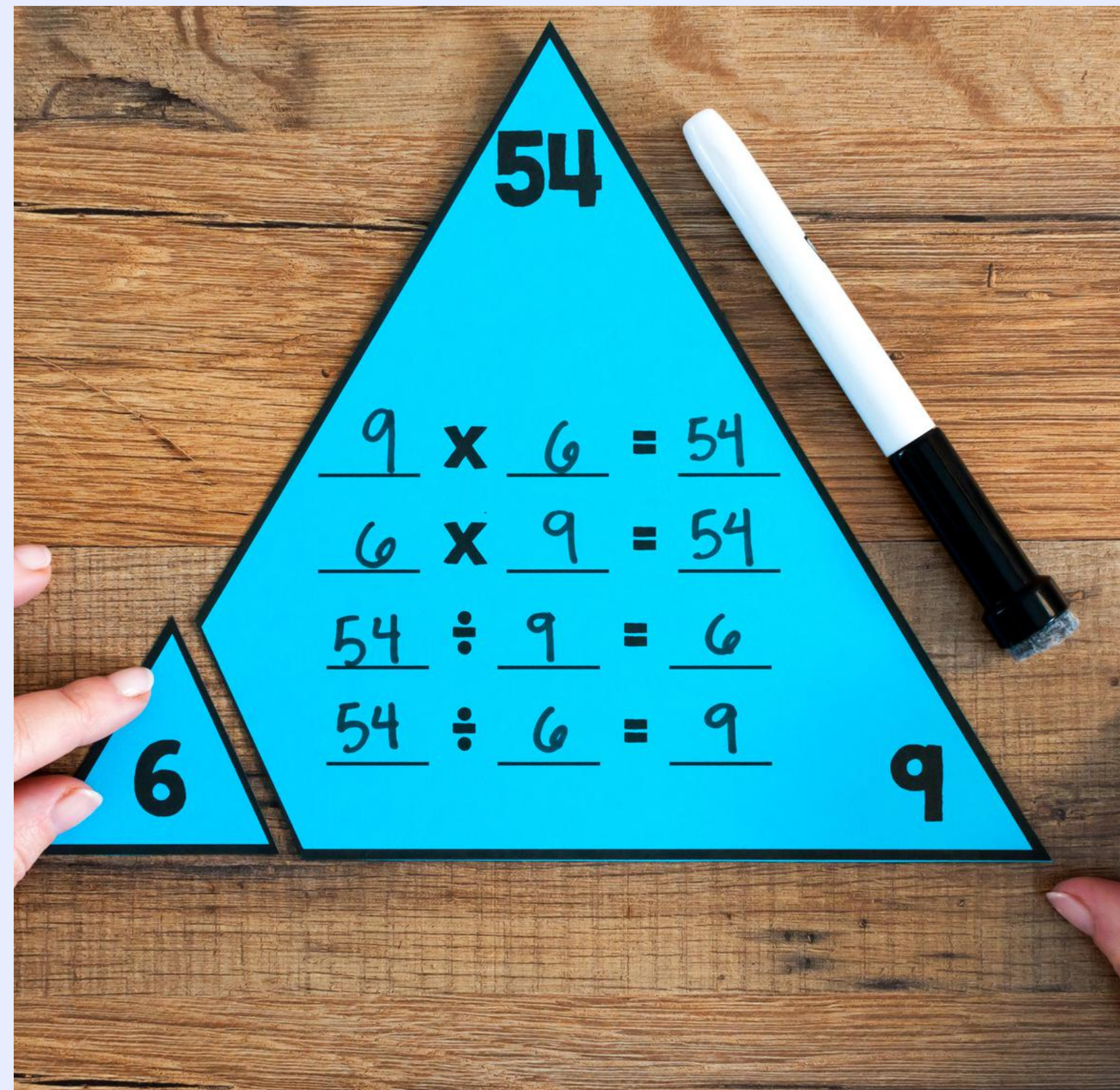
These Multiplication & Division Number Puzzles help students practice finding unknowns in various positions within equations and fact families.

Includes three puzzle formats:

- Four-in-one puzzles for quick practice
- Single-problem puzzles with unknowns in different positions (6 templates)
- Triangle cards for fact family work

Use the version that best fits your classroom needs!

- Includes instructions:
 - How to print, laminate, and cut
 - Optional dry-erase use
 - Different ways to play (match just two pieces or all four)

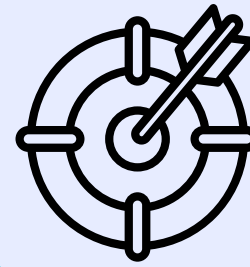


YOU WILL LOVE THIS BECAUSE



Strengthens Conceptual Understanding of Division

Students analyze the number relationship without traditional word problems, helping them truly understand what division represents.



Focuses on Problem Types with Visual Models

Covers Equal Groups, Arrays/Area Models, and Compare—mirroring the most common structures in division and aligned to standards.



Flexible for Small Groups or Centers

Use for math centers, partner practice, or individual work—easy to implement, differentiate, and reuse across skill levels.

54

$$\underline{9} \times \underline{6} = \underline{54}$$

$$\underline{6} \times \underline{9} = \underline{54}$$

$$\underline{54} \div \underline{9} = \underline{6}$$

$$\underline{54} \div \underline{6} = \underline{9}$$

6

9

$\underline{\hspace{2cm}} \div 3 = 9$

8

21

$\underline{\hspace{2cm}} = 36 \div 9$

4

$\underline{\hspace{2cm}} \times 2 = 16$

63

$\underline{\hspace{2cm}} = 7 \times 9$

3

5

4

48

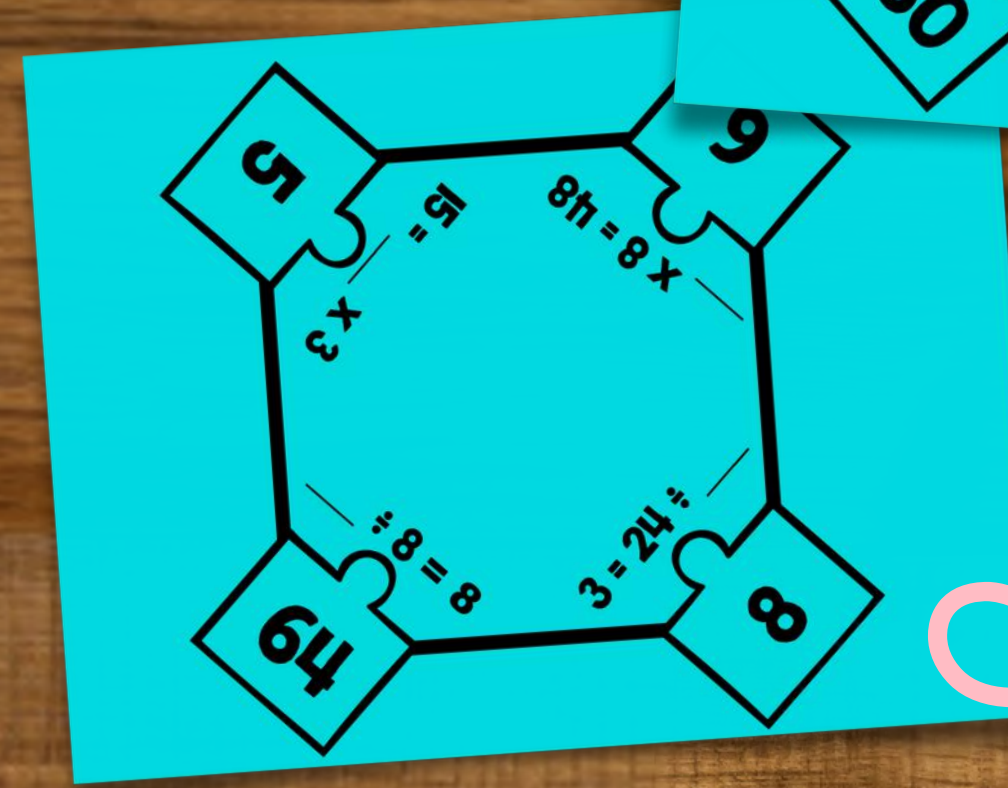
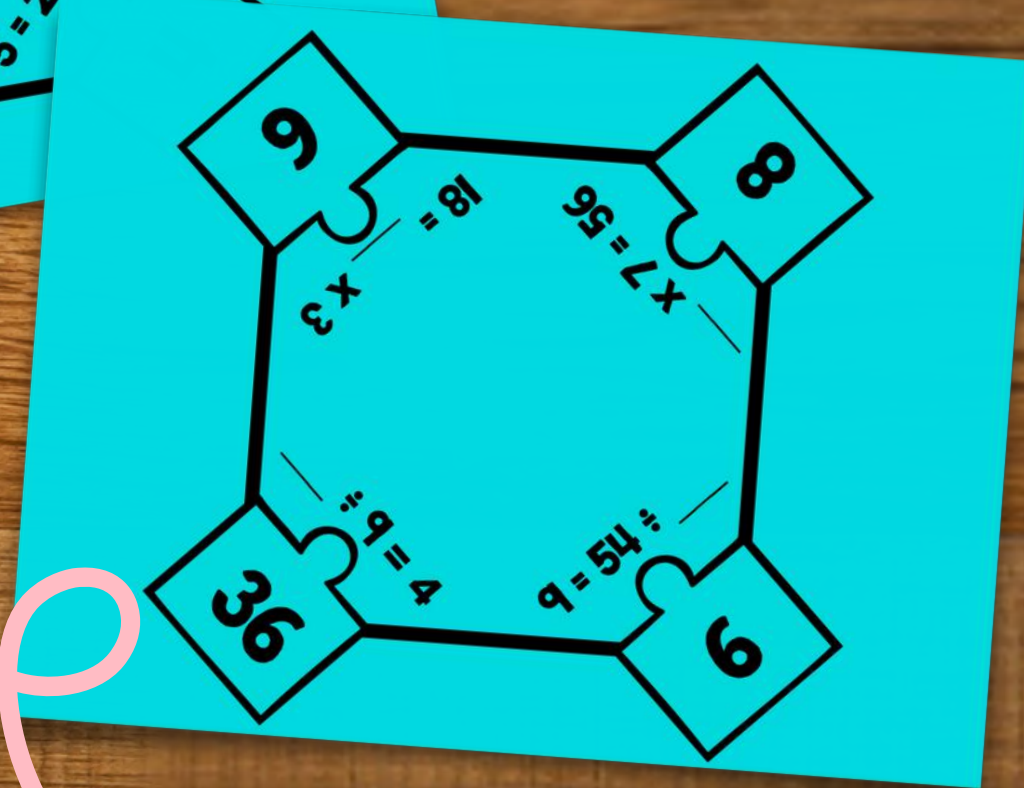
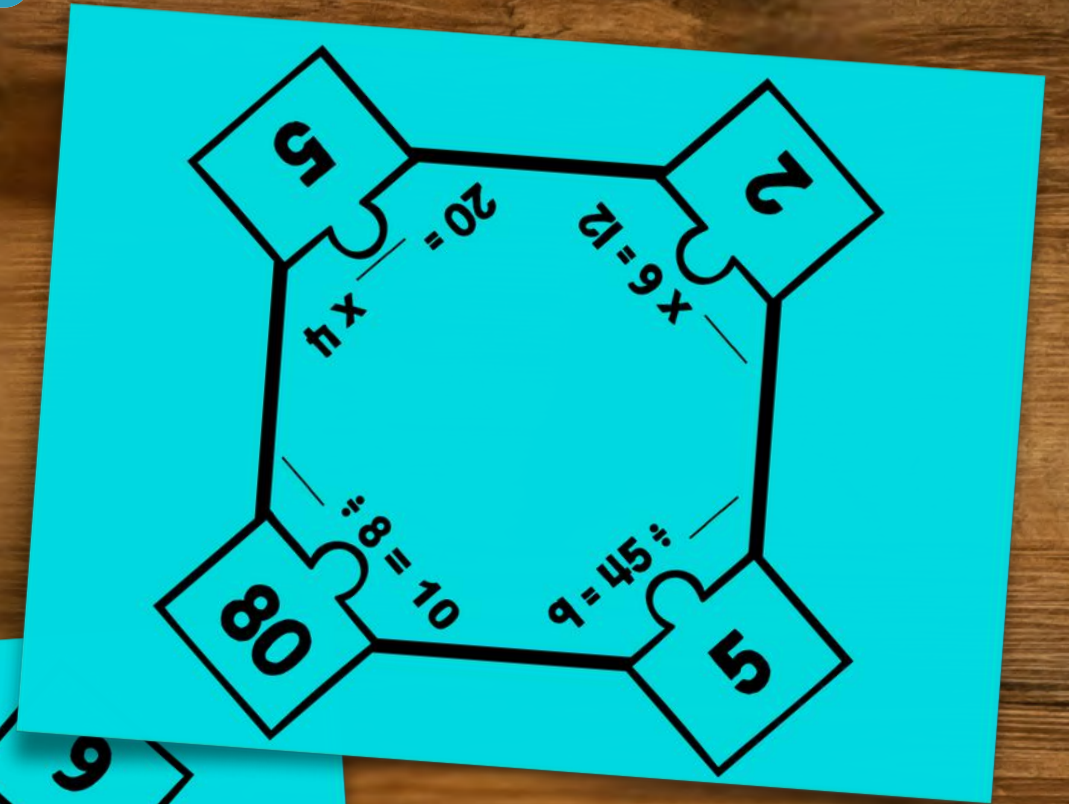
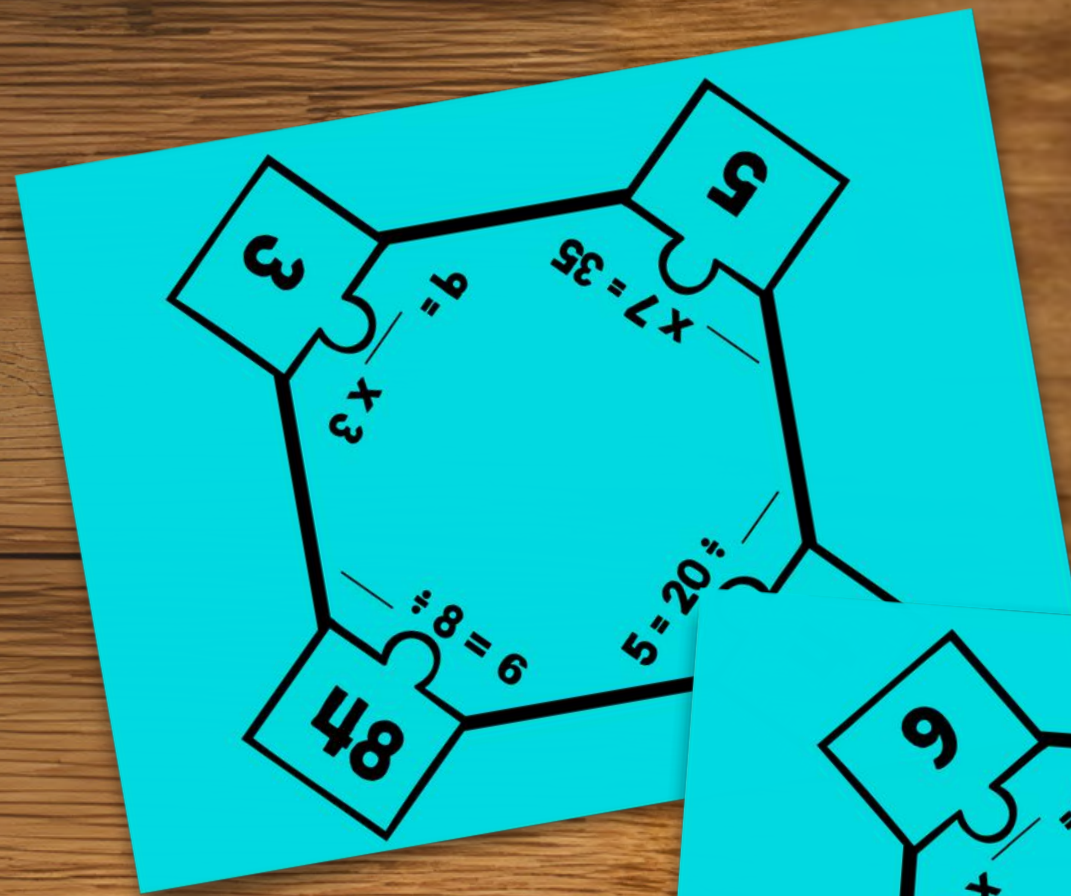
$\underline{\hspace{2cm}} \times 3 = 6$

$\underline{\hspace{2cm}} \times 7 = 35$

$\underline{\hspace{2cm}} \div 8 = 6$

$5 = 20 \div \underline{\hspace{2cm}}$

SAMPLE PAGES & ACTIVITIES



VERSION 1



SAMPLE PAGES & ACTIVITIES

4
____ $\times 9 = 36$

21
____ $\div 7 =$ 8

____ $\times 2 = 16$

63
____ $\div 7 = 9$

24
____ $= 6 \times 4$

5
____ $= 45 \div 9$

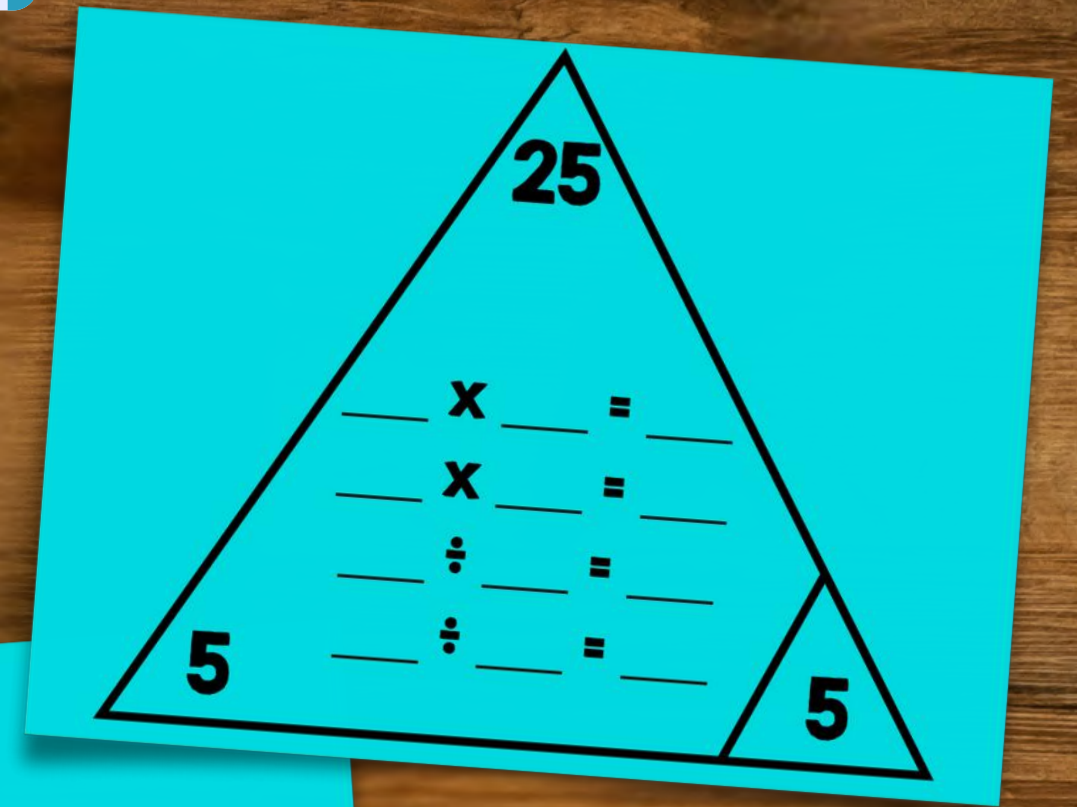
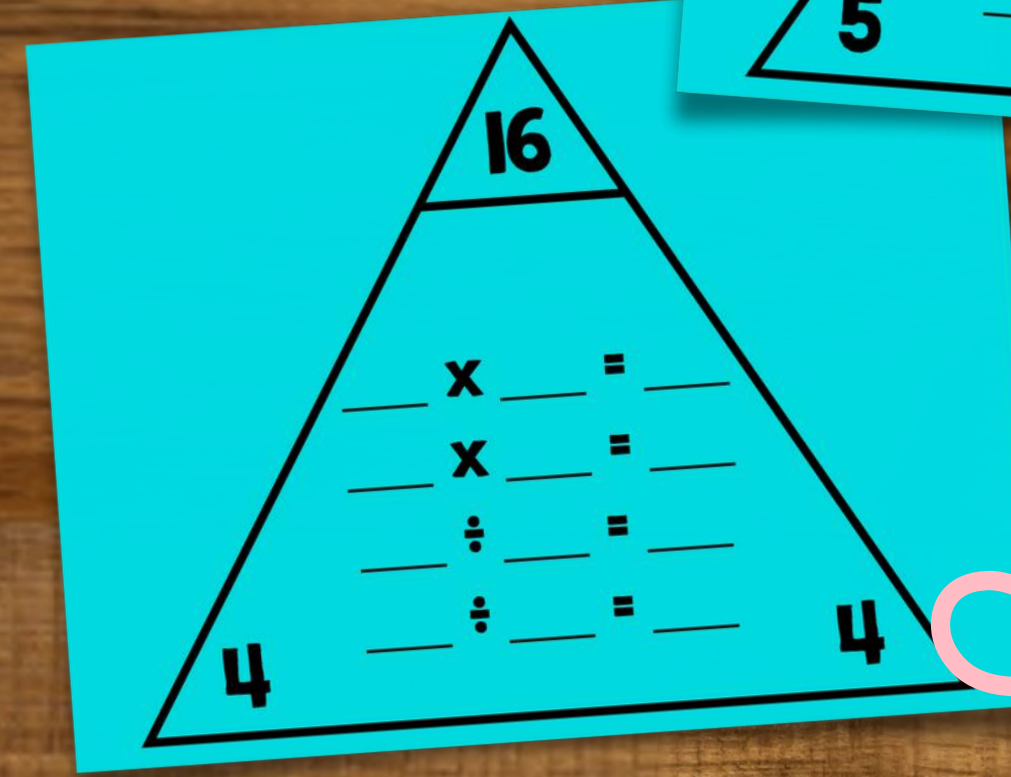
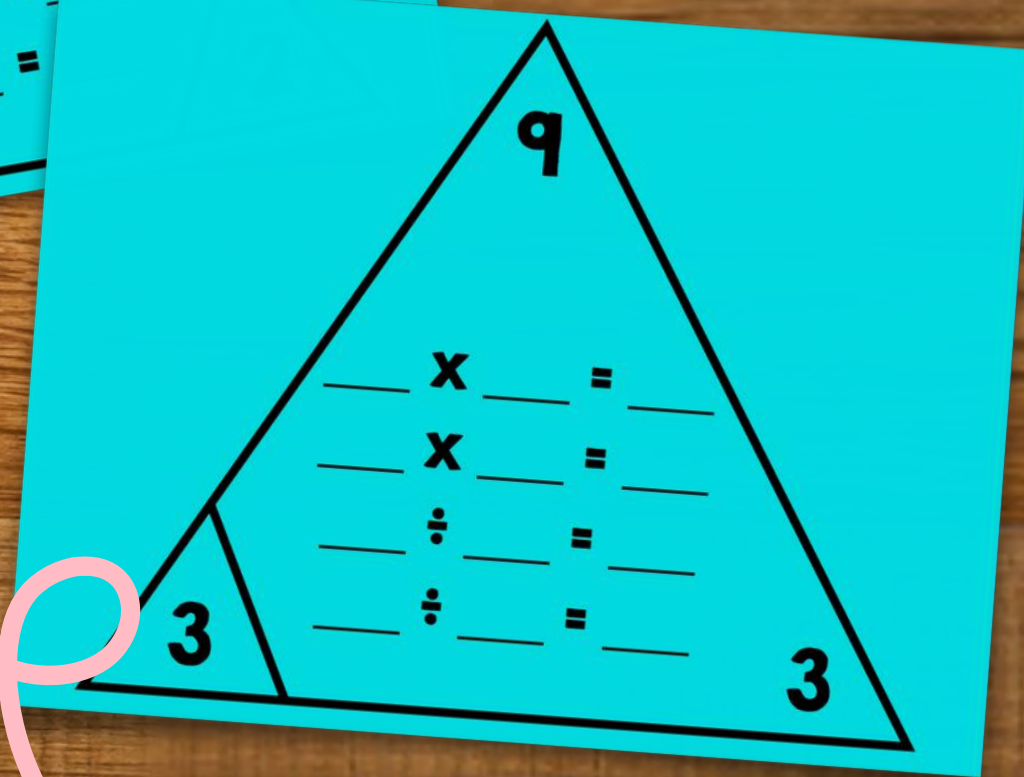
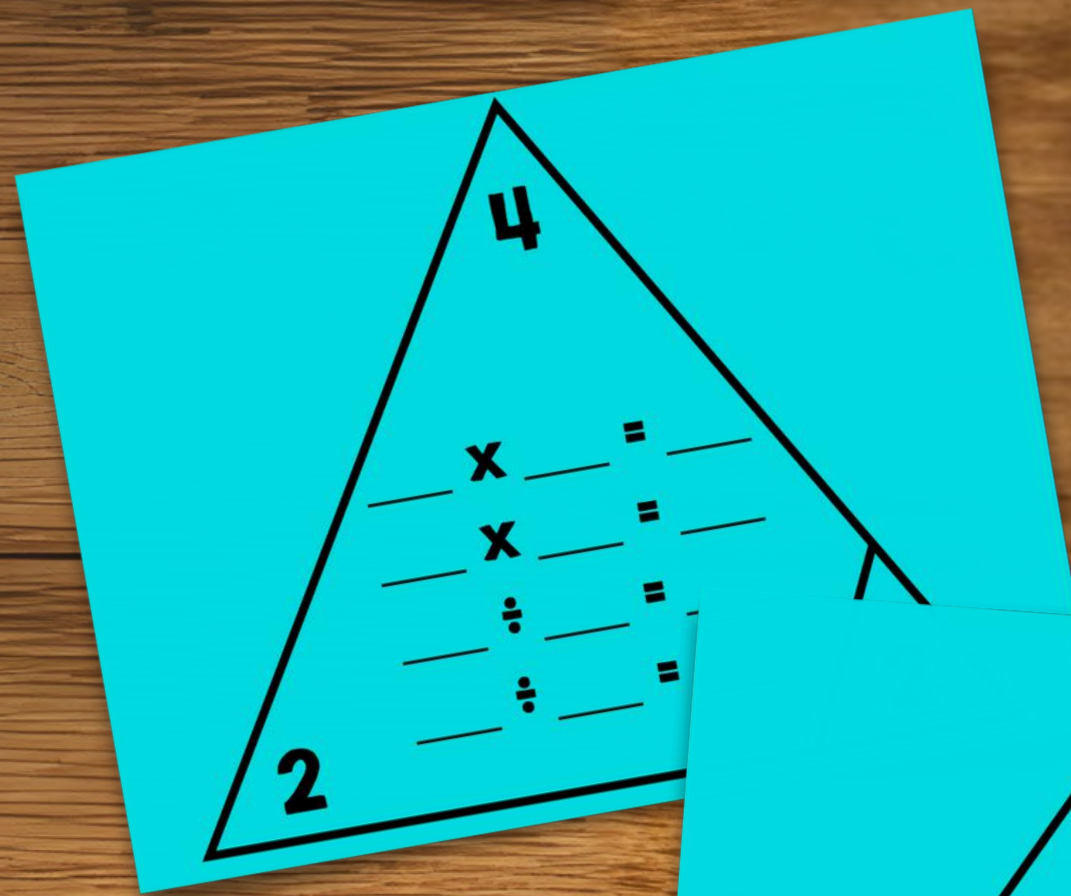
3
____ $\times 4 = 12$

48
____ $\div 8 = 6$

VERSION 2



SAMPLE PAGES & ACTIVITIES



VERSION 3



TEACHERS LOVE IT!



Students can use this individually or in small group to practice- I loved this because I was able to laminate this and have students practice facts at home also.

tiffany strezoski



This is one of my favorite resources so far! I'm in love with how hands-on it is and how engaging we can make it be in class. I've used it in small groups during Math interventions and as a whole class warmer too. I love it and recommend it to everyone teaching 3rd grade!

Karen Mariette P.



My passion is making learning accessible to all students. I love scaffolding learning. Breaking down the concepts and building them up so that students can see the connections. I love figuring out the small components that build up to the big ideas and helping students see it all.



What I have **LEARNED**